Figure 1 (page 1 of 3)

```
ATGATGTGCTTAAAGATCCTAAGAATAAGCCTGGCGATTTTGGCTGGGTGGGCACTCTGT     60
M  M  C  L  K  I  L  R  I  S  L  A  I  L  A  G  W  A  L  C      (20)

TCTGCCAACTCTGAGCTGGGCTGGACACGCAAGAAATCCTTGGTTGAGAGGGAACACCTG    120
S  A  N  S  E  L  G  W  T  R  K  K  S  L  V  E  R  E  H  L      (40)

AATCAGGTGCTGTTGGAAGGAGAACGTTGTTGGCTGGGGGCCAAGGTTCGAAGACCCAGA    180
N  Q  V  L  L  E  G  E  R  C  W  L  G  A  K  V  R  R  P  R      (60)

GCTTCTCCACAGCATCACCTCTTTGGAGTCTACCCCAGCAGGGCTGGGAACTACCTAAGG    240
A  S  P  Q  H  H  L  P  C  V  Y  P  S  R  A  G  N  Y  L  R      (80)

CCCTACCCCGTGGGGGAGCAAGAAATCCATCATACAGGACGCAGCAAACCAGACACTGAA    300
P  Y  P  V  G  E  Q  E  I  H  H  T  G  R  S  K  P  D  T  E     (100)

GGAAATGCTGTGAGCCTTGTTCCCCCAGACCTGACTGAAAATCCAGCAGGACTGAGGGGT    360
G  N  A  V  S  L  V  P  P  D  L  T  E  N  P  A  G  L  R  G     (120)

GCAGTTGAAGAGCCGGCTGCCCCATGGGTAGGGGATAGTCCTATTGGGCAATCTGAGCTG    420
A  V  E  E  P  A  A  P  W  V  G  D  S  P  I  G  Q  S  E  L     (140)

CTCGGAGATGATGATGCCTTATCTCGGCAATCAAAGATCCAAGGAGTCTCTAGGTGAGGCC    480
L  G  D  D  D  A  Y  L  G  N  Q  R  S  K  E  S  L  G  E  A     (160)

GGGATTCACAAAGGCTCAGCCATGGCTGCCACTACTACCACCGCCATTTTCACAACCCTG    540
G  I  Q  K  G  S  A  M  A  A  T  T  T  T  A  I  F  T  T  L     (180)

AACGAACCCAAACCAGAGACCCAAAGGAGGGGCTGGGCCAAGTCCAGGCAGCGTCGCCAA    600
N  E  P  K  P  E  T  Q  R  R  G  W  A  K  S  R  Q  R  R  Q     (200)

GTGTGGAAGAGGCGGGCGGAAGATGGGCAGGGAGACTCCGGTATCTCTTCACATTTCCAA    660
V  W  K  R  R  A  E  D  G  Q  G  D  S  G  I  S  S  H  F  Q     (220)

CCTTGGCCCAAGCATTCCCTTAAACACAGGGTCAAAAAGAGTCCACCGGAGGAAAGCAAC    720
P  W  P  K  H  S  L  K  H  R  V  K  K  S  P  P  E  E  S  N     (240)

CAAAATGGTGGAGAGGGCTCCTACCGAGAAGCAGAGACCTTTAACTCCCAAGTAGGACTG    780
Q  N  G  G  E  G  S  Y  R  E  A  E  T  F  N  S  Q  V  G  L     (260)

CCCATCTTATACTTCTCTGGGAGGCGGGAGCGGCTGCTGCTGCGTCCAGAAGTGCTGGCT    840
P  I  L  Y  F  S  G  R  R  S  R  L  L  L  R  P  E  V  L  A     (280)

GAGATTCCCCGGGAGGCCTTCACAGTGGAAGCCTGGGTTAAACCGGAGGGAGGACAGAAC    900
E  I  P  R  E  A  F  T  V  E  A  W  V  K  P  E  G  G  Q  N     (300)

AACCCAGCCATCATCGCAGGTGTGTTTGATAACTGCTCCCACACTGTCAGTGACAAAGGC    960
N  P  A  I  I  A  G  V  F  D  N  C  S  H  T  V  S  D  K  G     (320)

TGGGCCCTGGGGATCCGCTCAGGGAAGGACAAGGGAAAGCGGGATGCTCGCTTCTTCTTC   1020
W  A  L  G  I  R  S  G  K  D  K  G  K  R  D  A  R  F  F  F     (340)

TCCCTCTGCACCGACCGCGTGAAGAAAGCCACCATCTTGATTAGCCACAGTCGCTACCAA   1080
S  L  C  T  D  R  V  K  K  A  T  I  L  I  S  H  S  R  Y  Q     (360)

CCAGGCACATGGACCCATGTGGCAGCCACTTACGATGGACGGCACATGGCCCTGTATGTG   1140
P  G  T  W  T  H  V  A  A  T  Y  D  G  R  H  M  A  L  Y  V     (380)

GATGGCACTCAGGTGGCTAGCAGTCTAGACCAGTCTGGTCCCCTGAACAGCCCCTTCATG   1200
D  G  T  Q  V  A  S  S  L  D  Q  S  G  P  L  N  S  P  F  M     (400)

GCATCTTGCCGCTCTTTGCTCCTGGGGGGAGACAGCTCTGAGGATGGGCACTATTTCCGT   1260
A  S  C  R  S  L  L  L  G  G  D  S  S  E  D  G  H  Y  F  R     (420)

GGACACCTGGGCACACTGGTTTTCTGGTCGACCGCCCTGCCACAAAGCCATTTTCAGCAC   1320
G  H  L  G  T  L  V  F  W  S  T  A  L  P  Q  S  H  F  Q  H     (440)

AGTTCTCAGCATTCAAGTGGGGAGGAGGAAGCGACTGACTTGGTCCTGACAGCGAGCTTT   1380
S  S  Q  H  S  S  G  E  E  E  A  T  D  L  V  L  T  A  S  F     (460)

GAGCCTGTGAACACAGAGTGGGTTCCCTTTAGAGATGAGAAGTACCCACGACTTGAGGTT   1440
E  P  V  N  T  E  W  V  P  F  R  D  E  K  Y  P  R  L  E  V     (480)

CTCCAGGGCTTTGAGCCAGAGCCTGAGATTCTGTCGCCTTTGCAGCCCCCACTCTGTGGG   1500
L  Q  G  F  E  P  E  P  E  I  L  S  P  L  Q  P  P  L  C  G     (500)

CAAACAGTCTGTGACAATGTGGAATTGATCTCCCAGTACAATGGATACTGGCCCCTTCGG   1560
Q  T  V  C  D  N  V  E  L  I  S  Q  Y  N  G  Y  W  P  L  R     (520)

GGAGAGAAGGTGATACGCTACCAGGTGGTGAACATCTGTGATGATGAGGGCCTAAACCCC   1620
G  E  K  V  I  R  Y  Q  V  V  N  I  C  D  D  E  G  L  N  P     (540)

ATTGTGAGTGAGGAGCAGATTCGTCTGCAGCACGAGGCACTGAATGAGGCCTTCAGCCGC   1680
I  V  S  E  E  Q  I  R  L  Q  H  E  A  L  N  E  A  F  S  R     (560)

TACAACATCAGCTGGCAGCTGAGCGTCCACCAGGTCCACAATTCCACCCTGCGACACCGG   1740
Y  N  I  S  W  Q  L  S  V  H  Q  V  H  N  S  T  L  R  H  R     (580)

GTTGTGCTTGTCAACTGTGAGCCCAGCAAGATTGGCAATGACCATTGTGACCCCGAGTGT   1800
V  V  L  V  N  C  E  P  S  K  I  G  N  D  H  C  D  P  E  C     (600)
```

Figure 1 (page 2 of 3)

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GAGCACCCACTCACAGGCTATGATGGCGGTGACTGCCGCCTGCAGGGCCGCTGCTACTCC    1860
 E  H  P  L  T  G  Y  D  G  G  D  C  R  L  Q  G  R  C  Y  S    (620)

TGGAACCGCAGGGATGGGCTCTGTCACGTGGAGTGTAACAACATGCTGAACGACTTTGAC    1920
 W  N  R  R  D  G  L  C  H  V  E  C  N  N  M  L  N  D  F  D    (640)

GACGGAGACTGCTGCGACCCCCAGGTGGCTGATGTGCGCAAGACCTGCTTTGACCCTGAC    1980
 D  G  D  C  C  D  P  Q  V  A  D  V  R  K  T  C  F  D  P  D    (660)

TCACCCAAGAGGGCATACATGAGTGTGAAGGAGCTGAAGGAGGCCCTGCAGCTGAACAGT    2040
 S  P  K  R  A  Y  M  S  V  K  E  L  K  E  A  L  Q  L  N  S    (680)

ACTCACTTCCTCAACATCTACTTTGCCAGCTCAGTGCGGGAAGACCTTGCAGGTGCTGCC    2100
 T  H  F  L  N  I  Y  F  A  S  S  V  R  E  D  L  A  G  A  A    (700)

ACCTGGCCTTGGGACAAGGACGCTGTCACTCACCTGGGTGGCATTGTCCTCAGCCCAGCA    2160
 T  W  P  W  D  K  D  A  V  T  H  L  G  G  I  V  L  S  P  A    (720)

TATTATGGGATGCCTGGCCACACCGACACCATGATCCATGAAGTGGGACATGTTCTGGGA    2220
 Y  Y  G  M  P  G  H  T  D  T  M  I  H  E  V  G  H  V  L  G    (740)

CTCTACCATGTCTTTAAAGGAGTCAGTGAAAGAGAATCCTGCAATGACCCCTGCAAGGAG    2280
 L  Y  H  V  F  K  G  V  S  E  R  E  S  C  N  D  P  C  K  E    (760)

ACAGTGCCATCCATGGAAACGGGAGACCTCTGTGCCGACACCGCCCCCACTCCCAAGAGT    2340
 T  V  P  S  M  E  T  G  D  L  C  A  D  T  A  P  T  P  K  S    (780)

GAGCTGTGCCGGGAACCAGAGCCCACTAGTGACACCTGTGGCTTCACTCGCTTCCCAGGG    2400
 E  L  C  R  E  P  E  P  T  S  D  T  C  G  F  T  R  F  P  G    (800)

GCTCCGTTCACCAACTACATGAGCTACACGGATGATAACTGCACTGACAACTTCACTCCT    2460
 A  P  F  T  N  Y  M  S  Y  T  D  D  N  C  T  D  N  F  T  P    (820)

AACCAAGTGGCCCGAATGCATTGCTATTTGGACCTAGTCTATCAGCAGTGGACTGAAAGC    2520
 N  Q  V  A  R  M  H  C  Y  L  D  L  V  Y  Q  Q  W  T  E  S    (840)

AGAAAGCCCACCCCCATCCCCATTCCACCTATGGTCATCGGACAGACCAACAAGTCCCTC    2580
 R  K  P  T  P  I  P  I  P  P  M  V  I  G  Q  T  N  K  S  L    (860)

ACTATCCACTGGCTGCCTCCTATTAGTGGAGTTGTATATGACAGGGCCTCAGGCAGCCTT    2640
 T  I  H  W  L  P  P  I  S  G  V  V  Y  D  R  A  S  G  S  L    (880)

TGTGGCGCTTGCACTGAAGATGGGACCTTTCGTCAGTATGTGCACACAGCTTCCTCCCGG    2700
 C  G  A  C  T  E  D  G  T  F  R  Q  Y  V  H  T  A  S  S  R    (900)

CGGGTGTGTGACTCCTCAGGTTATTGGACCCCAGAGGAGGCTGTGGGGCCTCCTGATGTG    2760
 R  V  C  D  S  S  G  Y  W  T  P  E  E  A  V  G  P  P  D  V    (920)

GATCAGCCCTGCGAGCCAAGCTTACAGGCCTGGAGCCCTGAGGTCCACCTGTACCACATG    2820
 D  Q  P  C  E  P  S  L  Q  A  W  S  P  E  V  H  L  Y  H  M    (940)

AACATCACCGTCCCCTGCCCCACAGAAGGCTGTAGCTTGGAGCTGCTCTTCCAACACCCG    2880
 N  I  T  V  P  C  P  T  E  G  C  S  L  E  L  L  F  Q  H  P    (960)

GTCCAAGCCGACACCCTCACCCTGTGGGTCACTTCCTTCTTCATGGAGTCCTCGCAGGTC    2940
 V  Q  A  D  T  L  T  L  W  V  T  S  F  F  M  E  S  S  Q  V    (980)

CTCTTTGACACAGAGATCTTGCTGGAAAACAAGGAGTCAGTGCACCTGGGCCCCTTAGAC    3000
 L  F  D  T  E  I  L  L  E  N  K  E  S  V  H  L  G  P  L  D    (1000)

ACTTTCTGTGACATCCCACTCACCATCAAACTGCACGTGGATGGGAAGGTGTCGGGGGTG    3060
 T  F  C  D  I  P  L  T  I  K  L  H  V  D  G  K  V  S  G  V    (1020)

AAAGTCTACACCTTTGATGAGAGGATAGAGATTGATGCAGCACTCCTGACTTCTCAGCCC    3120
 K  V  Y  T  F  D  E  R  I  E  I  D  A  A  L  L  T  S  Q  P    (1040)

CACAGTCCCTTGTGCTCTGGCTGCAGGCCTGTGAGGTACCAGGTTCTCCGCGATCCCCCA    3180
 H  S  P  L  C  S  G  C  R  P  V  R  Y  Q  V  L  R  D  P  P    (1060)

TTTGCCAGTGGTTTGCCCGTGGTGGTGACACATTCTCACAGGAAGTTCACGGACGTGGAG    3240
 F  A  S  G  L  P  V  V  V  T  H  S  H  R  K  F  T  D  V  E    (1080)

GTCACACCTGGACAGATGTATCAGTACCAAGTTCTAGCTGAAGCTGGAGGAGAACTGGGA    3300
 V  T  P  G  Q  M  Y  Q  Y  Q  V  L  A  E  A  G  G  E  L  G    (1100)

GAAGCTTCGCCTCCTCTGAACCACATTCATGGAGCTCCTTATTGTGGAGATGGGAAGGTC    3360
 E  A  S  P  P  L  N  H  I  H  G  A  P  Y  C  G  D  G  K  V    (1120)

TCAGAGAGACTGGGAGAAGAGTGTGATGATGGAGACCTTGTGAGCGGAGATGGCTGCTCC    3420
 S  E  R  L  G  E  E  C  D  D  G  D  L  V  S  G  D  G  C  S    (1140)

AAGGTGTGTGAGCTGGAGGAAGGTTTCAACTGTGTAGGAGAGCCAAGCCTTTGCTACATG    3480
 K  V  C  E  L  E  E  G  F  N  C  V  G  E  P  S  L  C  Y  M    (1160)

TATGAGGGCGACGGCATATGTGAACCTTTTGAGAGAAAAACCAGCATTGTAGACTGTGGC    3540
 Y  E  G  D  G  I  C  E  P  F  E  R  K  T  S  I  V  D  C  G    (1180)

ATCTACACTCCCAAAGGATACTTGGATCAATGGGCTACCCGCGCTTACTCCTCTCATGAA    3600
 I  Y  T  P  K  G  Y  L  D  Q  W  A  T  R  A  Y  S  S  H  E    (1200)
```

Figure 1 (page 3 of 3)

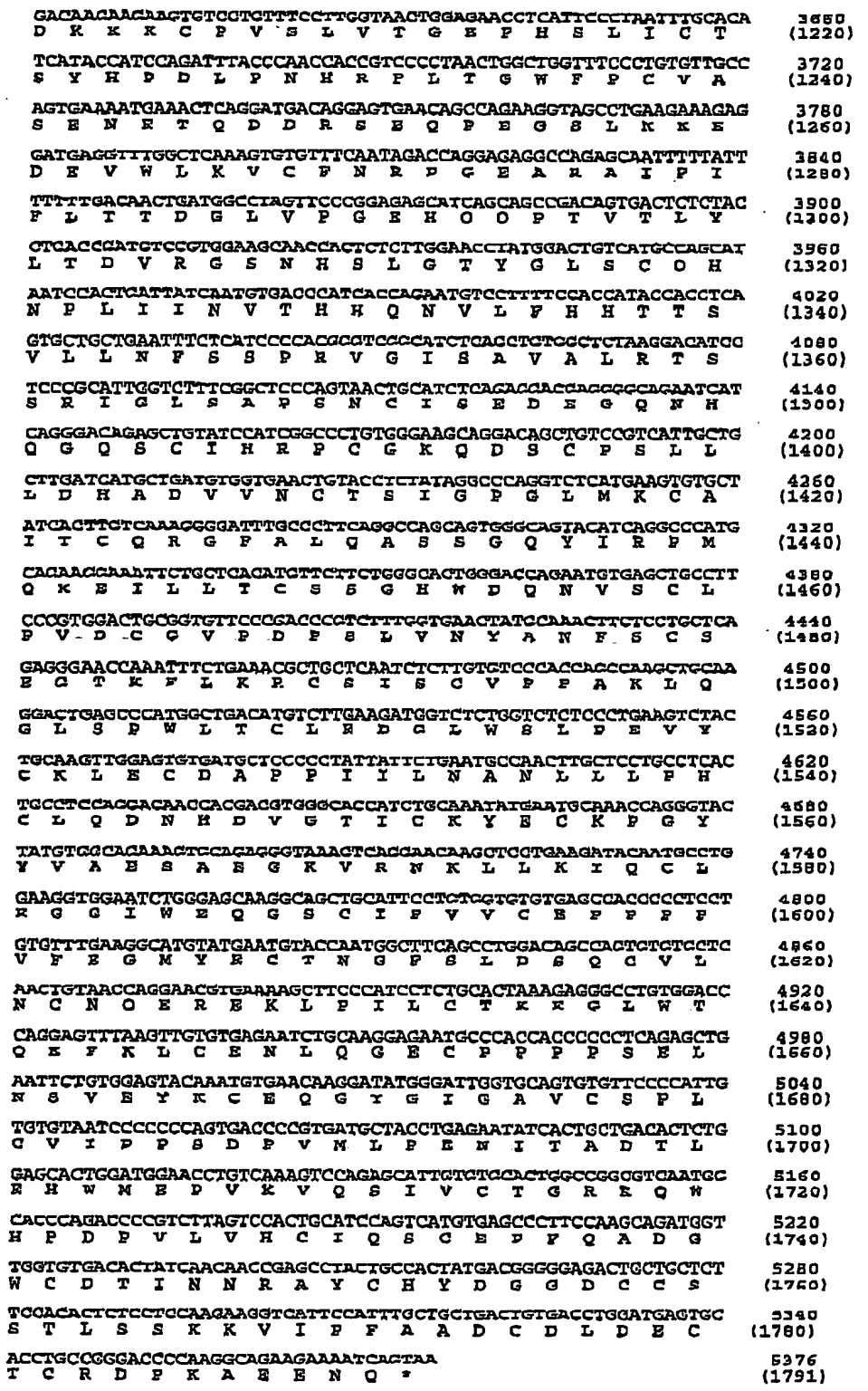

Figure 2 (page 1 of 1)

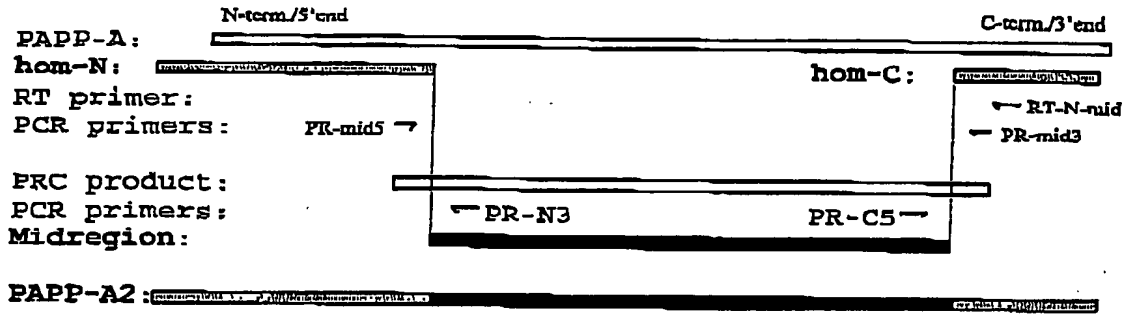

Figure 3 (page 1 of 1)

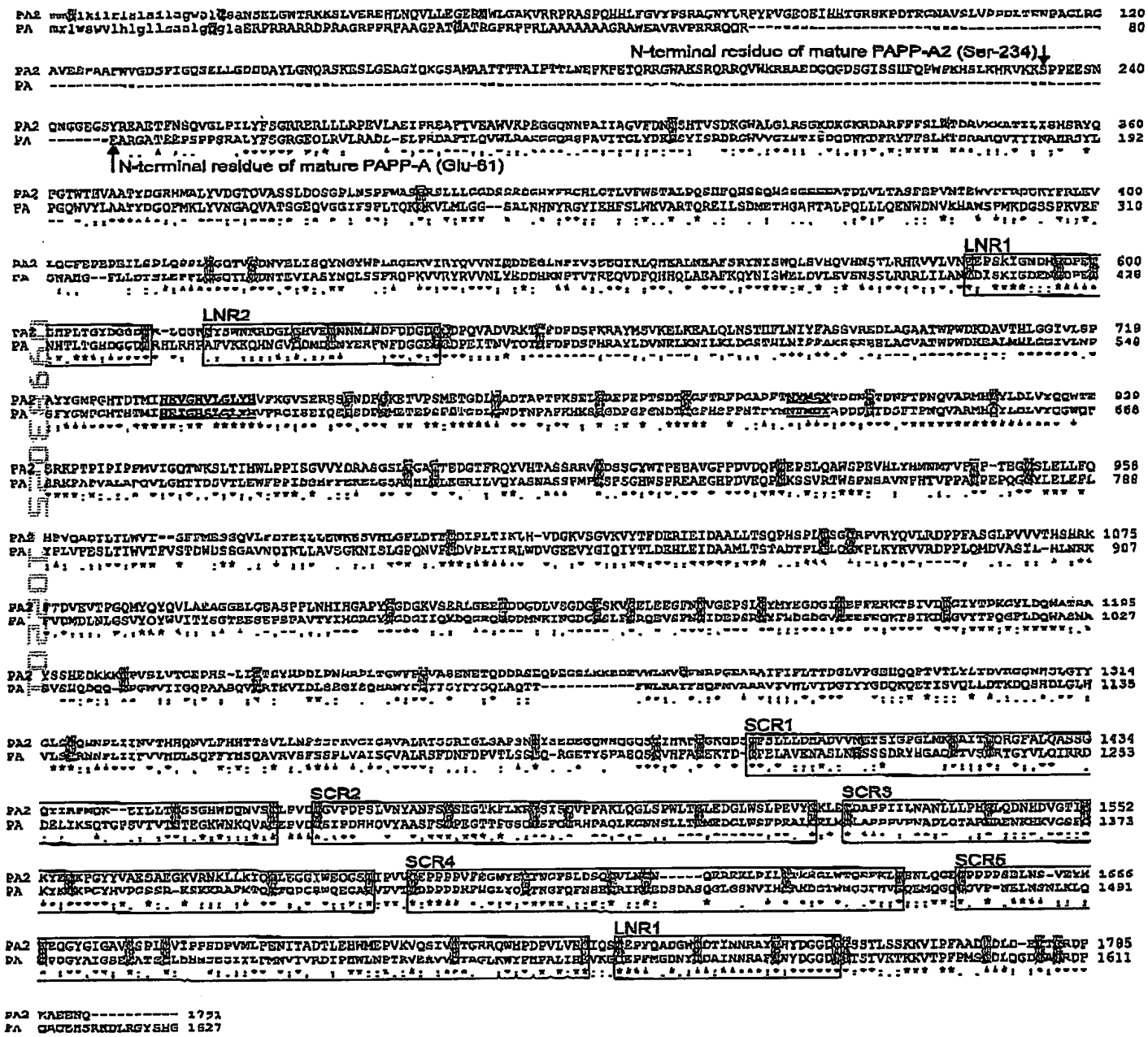

Figure 4 (page 1 of 1)

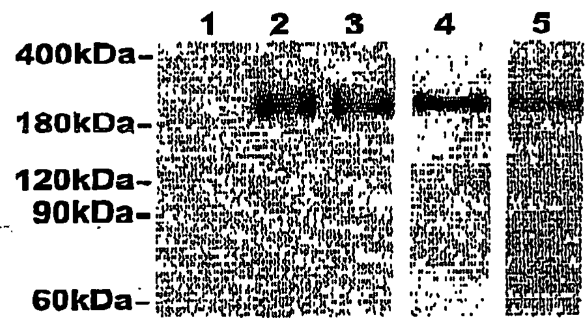

Figure 5 (page 1 of 1)

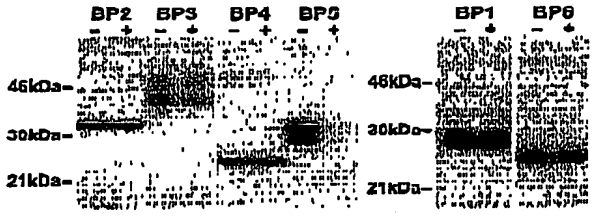

Figure 6 (page 1 of 1)

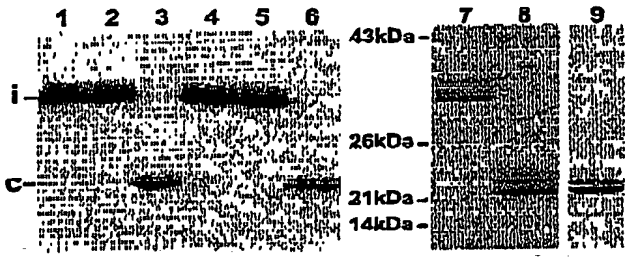

Figure 7 (page 1 of 2)

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ATGATGTGCT TAAAGATCCT AAGAATAAGC CTGGCCATTT TGGCTGGCTC CCCACTCTCT     60
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AATCAGGTGC TGTTGGAAGG AGAACGTTGT TCCCTGGGCG CCAAGGTTCG AAGACCCAGA    180
GCTTCTCCAC AGCATCACCT CTTTGGAGTC TACCCCAGCA GGGCTGGGAA CTACCTAAGG    240
CCCTACCCCG TGGGGGAGCA AGAAATCCAT CATACAGGAC GCAGCAAACC AGACACTGAA    300
GGAAATGCTG TGAGCCTTGT TCCCCCAGAC CTGACTGAAA ATCCAGCAGG ACTGAGGGGT    360
GCAGTTGAAG AGCCGGCTCC CCCATGGGTA CGGCATAGTC CTATTGGGCA ATCTGAGCTG    420
CTGGGAGATG ATGACGCTTA TCTCGGCAAT CAAAGATCCA AGGAGTCTCT AGGTGAGGCC    480
GGGATTCACA AACGCTCAGC CATCCCTGCC ACTACTACCA CCGCCATTTT CACAACCCTG    540
AACGAACCCA AACCAGAGAC CCAAAGGAGG GGCTGGGCCA AGTCCAGGCA GCGTCGCCAA    600
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CCTTGGCCCA AGCATTCCCT TAAACACAGG GTCAAAAAGA GTCCACCCCA GCAAAGCAAC    720
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CACAGTCCCT TGTGCTCTGC CTCCAGGCCT GTCACCTACC AGGTTCTCCG CGATCCCCCA   3180
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ATCACTTCTC AAACGGGATT TCCCCTTCAC GCCAGCAGTG GCCAGTACAT CAGGCCCATG   4320
```

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CAGAAGGAAA TTCTGCTCAC ATGTTCTTCT GGGCACTGGG ACCAGAATGT GAGCTGCCTT 4380
CCCGTGGACT GCGCTCTTCC CCACCCGTCT TTCCTCAACT ATGCAAACTT GTCCTGCTCA 4440
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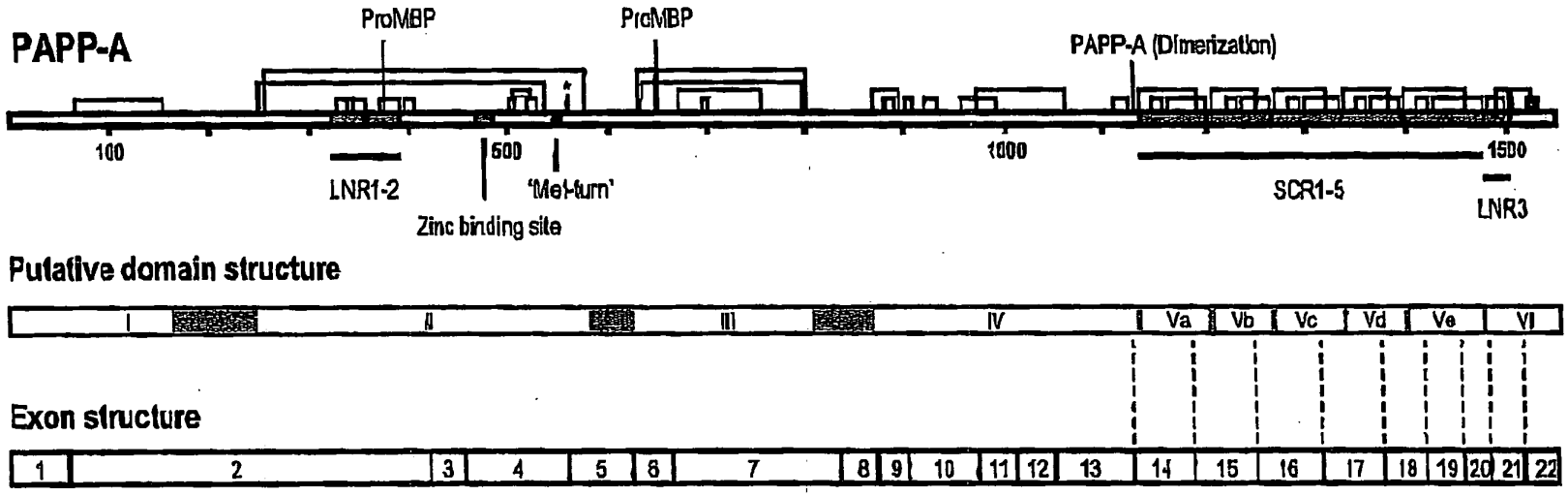

Figure 8 (page 1 of 1)